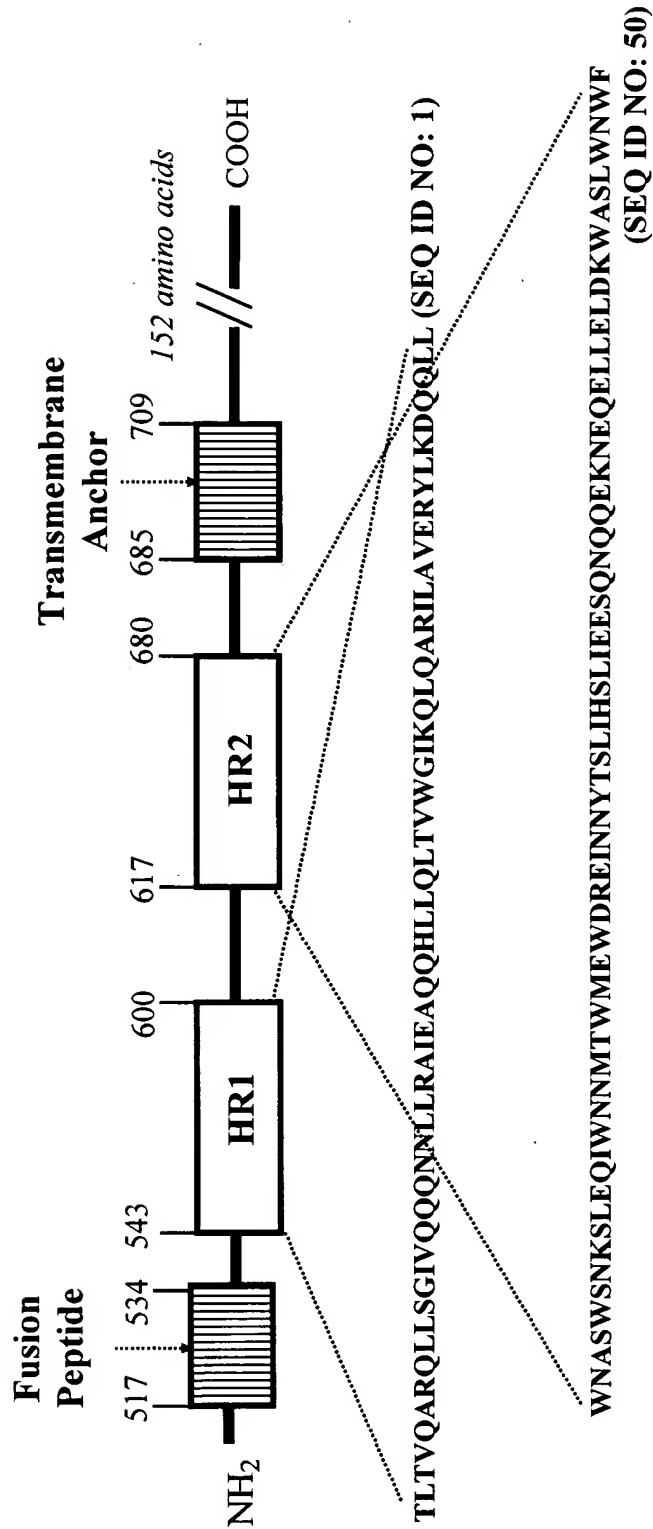




**FIG. 1**

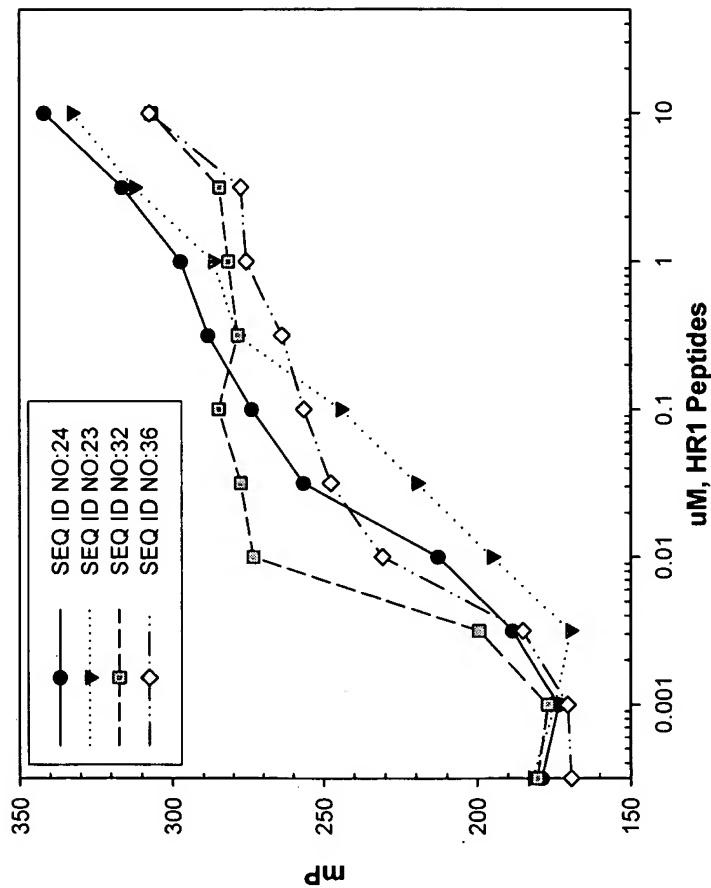


SEQ ID NO.		10	20	30	40
		-----+-----+-----+-----+			
2	T-21	--NNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLKDQ			
51	Gp41bru.pro	QQ.....Q			
52	Gp41hxb2.PRO	QQ.....Q			
53	PNL4-3 gp41.PRO	QQ.....Q			
54	Ug273-A.pro	QQS.....K.....L.....R..Q			
55	Us2-B.pro	QQ.....V.....Q			
56	Ug268-C.pro	QQ.....M.....T.V..I...Q..Q			
57	Se365-D.pro	QQ.....R..Q			
58	CM240-E.pro	QQS.....V.....K			
59	Bz126-F.pro	QQ.....V.....Q..Q			
60	HH8793-G.pro	QQS.....V..L...R..Q			
61	ENV_HV1BN	QQ....M.....M.E.....V.....Q			
62	ENV_HV1C4	QQ.....K.....Q			
63	ENV_HV1KB	QQ.....D.....V.....Q			
64	_VCLJH00	QQ.....K.....Q			
65	ENV_HV1B8	QQ.....G.....Q			
66	ENV_HV1Z8	QQ.....M.....V...S...Q			
67	1	QQT.M.K.....V.....Q			
68	2	QQT.S.....V.....R..Q			
69	3	QQ.D.....M.....V..L.G..Q..Q			
70	4	QQ..M.....M.....V.....R..Q			
71	5	QQS..M.....L..MV.....V.....Q			
72	6	QQS..M.....M.....V.....Q			
73	7	QQX....M.....V..L...R..Q			
74	8	QQ.D...G.D.P.....W.....V.....RG.Q			
75	9	QQ.S..Q.....RM.....V.....Q			
76	10	QQ.D.....R.....V..L...R..Q			
77	11	QQT.M.....S.....V.....Q			
78	12	QRS...K.....QMWR...F...L.....Q			
79	13	QQ.....M.....R..V..I.....Q			
80	14	QQS.....PG.....Q			
81	15	QQ.....V...K...R..Q			
82	16	ER.K.R.....M.....V.....S...Q			
83	17	HQS.....V.....R..Q			
84	18	QQ.D...G.D.P.....V.....V.....RG.Q			

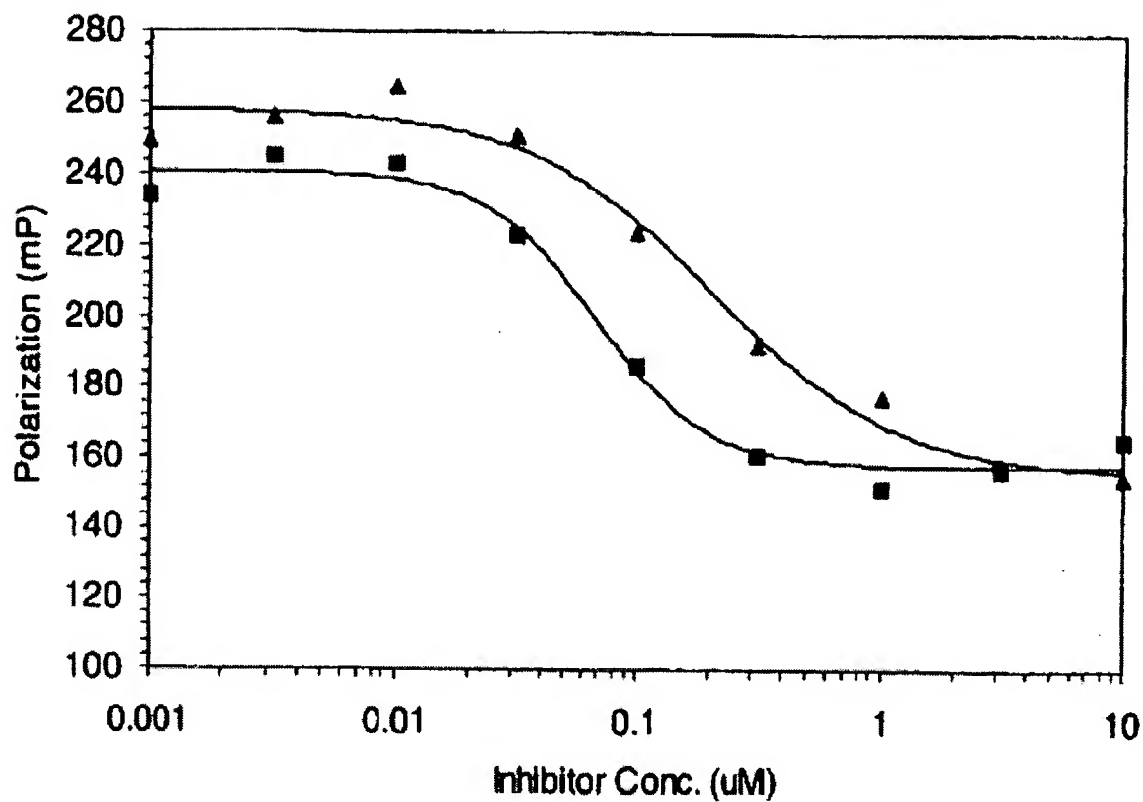
**FIG. 2**

QQQQNNLLRAI EAQQHLLQLTVWGI KQLQARI LAVERYLKDQ SEQ ID NO:27  
 QQQQNNLLRAI EAQQHLLQLTAWGI KQLQARI LAVERYLKDQ SEQ ID NO:29  
 QQQQNNLLRAI EAQQHLLQLTVA GI KQLQARI LAVERYLKDQ SEQ ID NO:30

**FIG. 3**



**FIG. 4**



- HR2 PEPTIDE A (SEQ ID NO:33)  
▲ HR2 PEPTIDE B (SEQ ID NO:49)

**FIG. 5**